



1/14

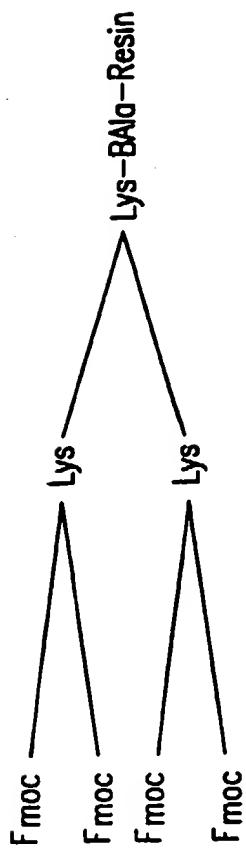


FIG. 1A

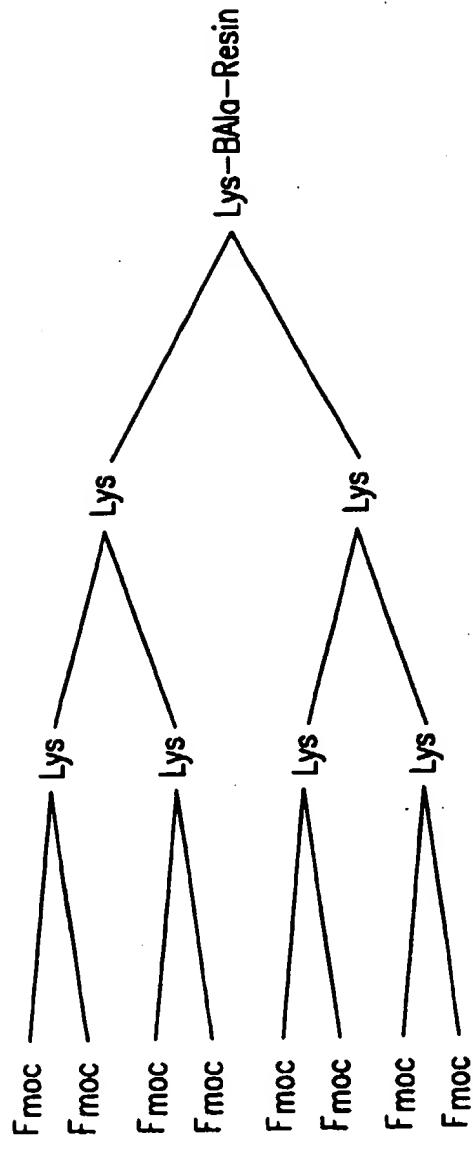


FIG. 1B



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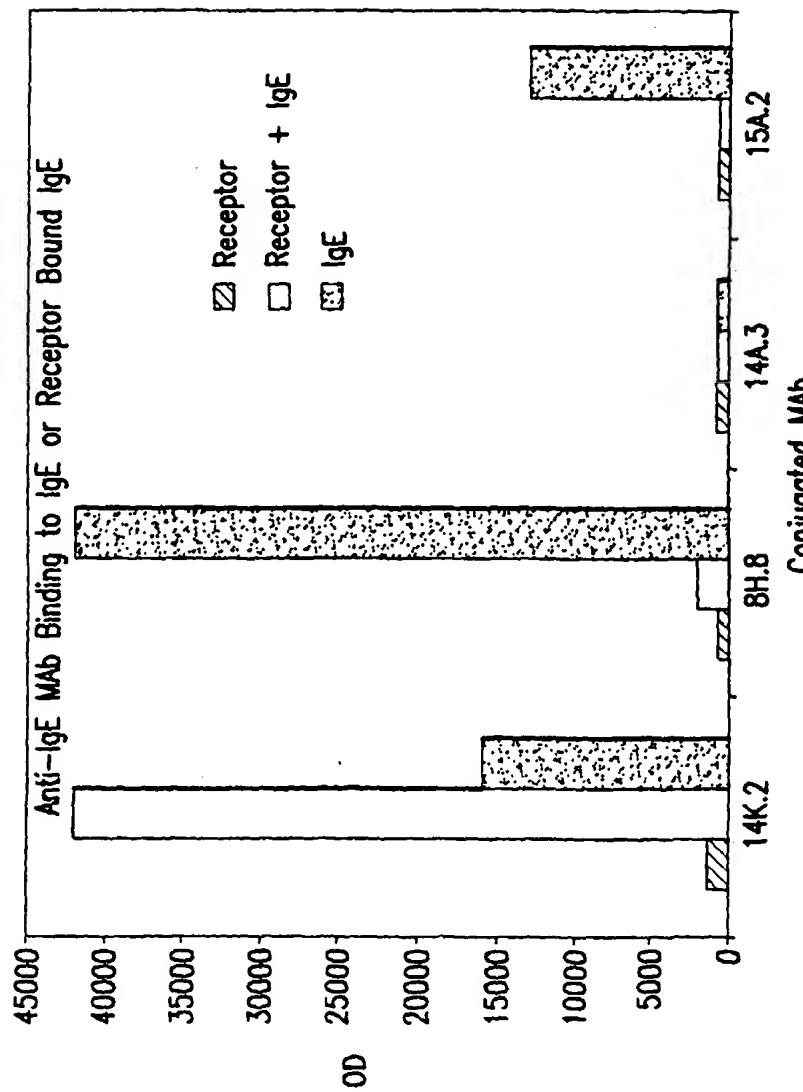


FIG. 2



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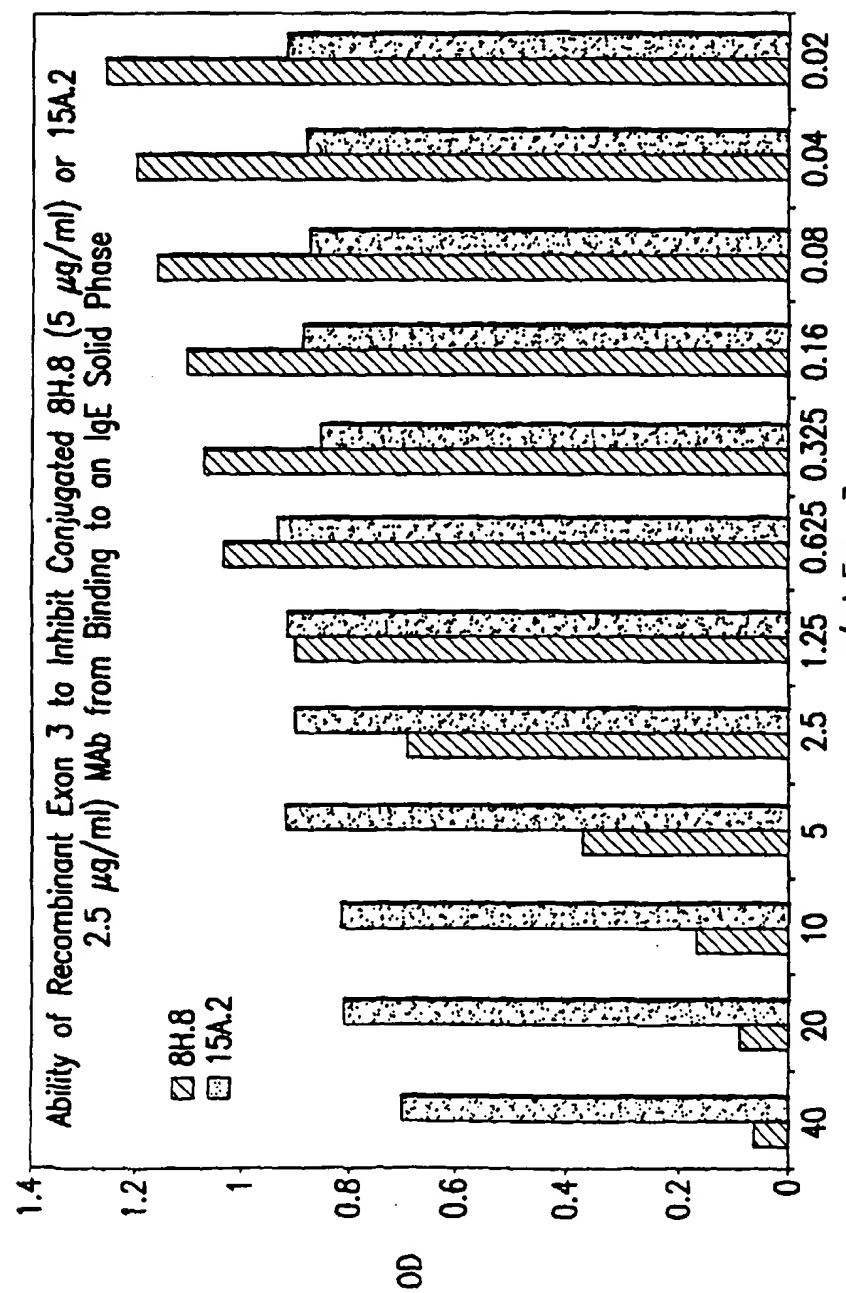


FIG.3

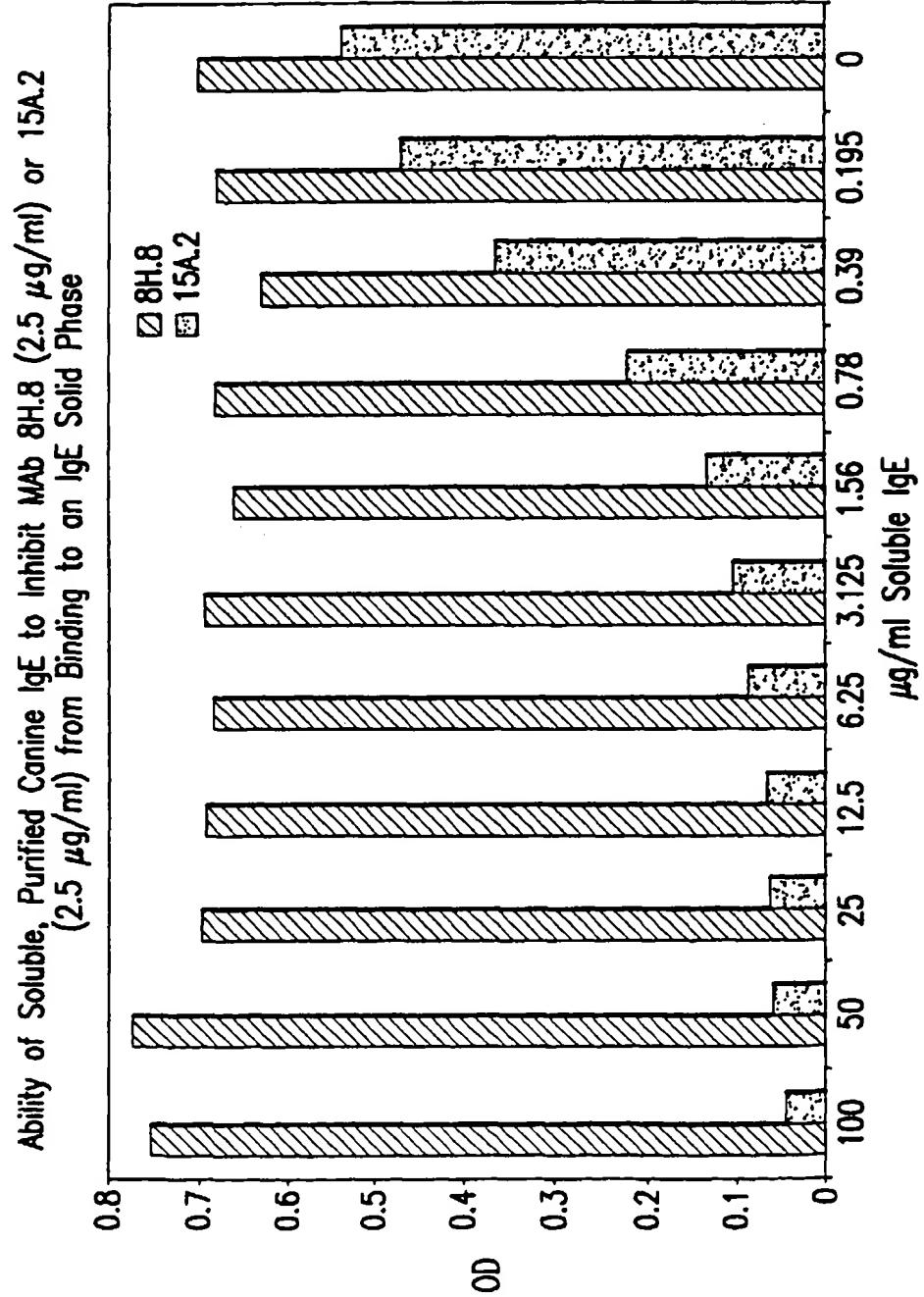


FIG.4

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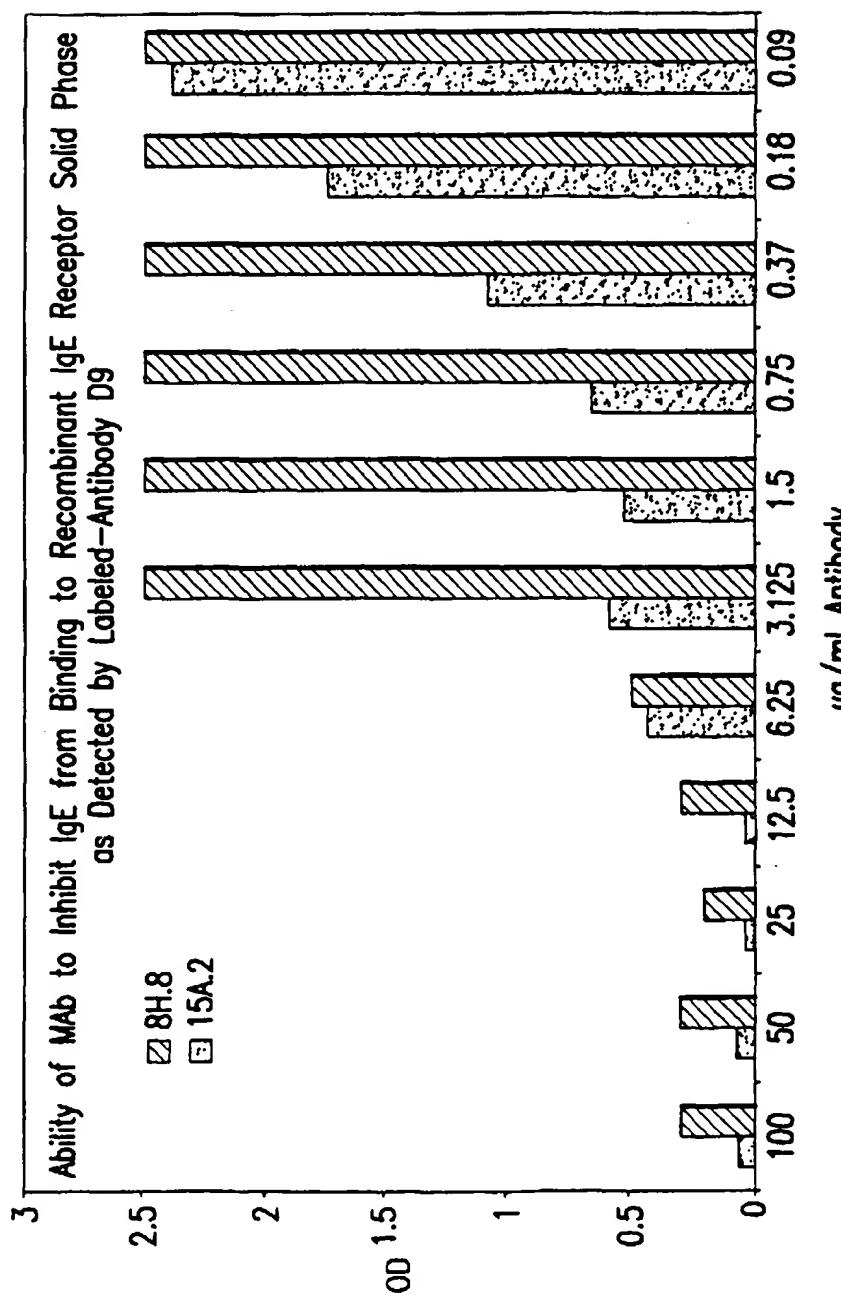


FIG. 5



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ISOLATE

SEQUENCE OF DISPLAYED PEPTIDE

LIBRARY

PhDc7c	CSNPHVTHC	M13 1&9
PhDc7c	CSHPHLTHC	M13 7
PhDc7c	CSNPHITQC	M13 10
PhDc7c	CWNPHITHC	M13 14
PhDc7c	CTNPHNPYC	M13 2&8
PhDc7c	CPNPHNPYC	M13 3&5
PhD12	VTLCPNPHIPWC	M13 48
PhDc7c	CHPHLPKSC	M13 4&12
PhDc7c	CHPHLPKRC	M13 6
	YCRVTHPHLPKDIVERSI	Canine IgE

FIG.6



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SPECIES
Canine
Human
Green Monkey
Cat
Swine
Mouse
Horse

IgE ALIGNMENT 15A.2 EPITOPE

```
Y C R V T H P H L P K D I V R S I
Q C R V T H P H L P R A L M R S T
Q C R V T H P H L P R A L V R S T
Q C K V T H P D L P L V I V R S I
Y C N V T H P D L P K P I L R S I
Q C I V D H P D F P * * I V R S I
K C T V S H P D L P R E * W R S I
```

\*Denotes a deletion

FIG.7



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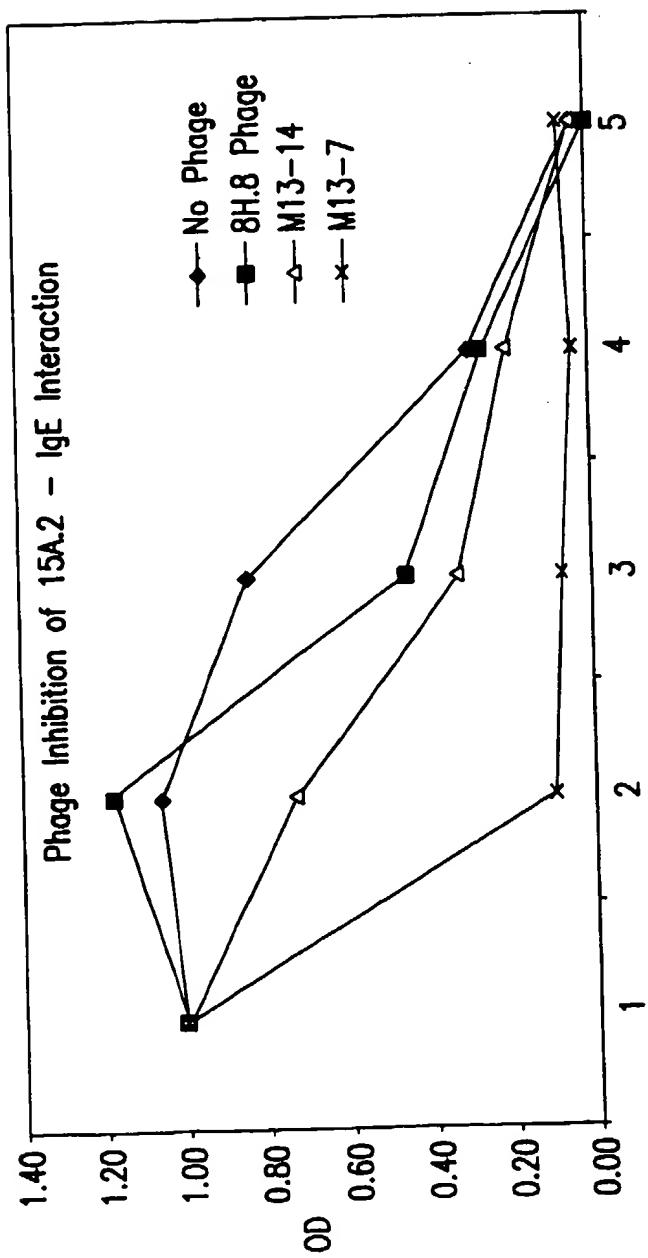


FIG. 8



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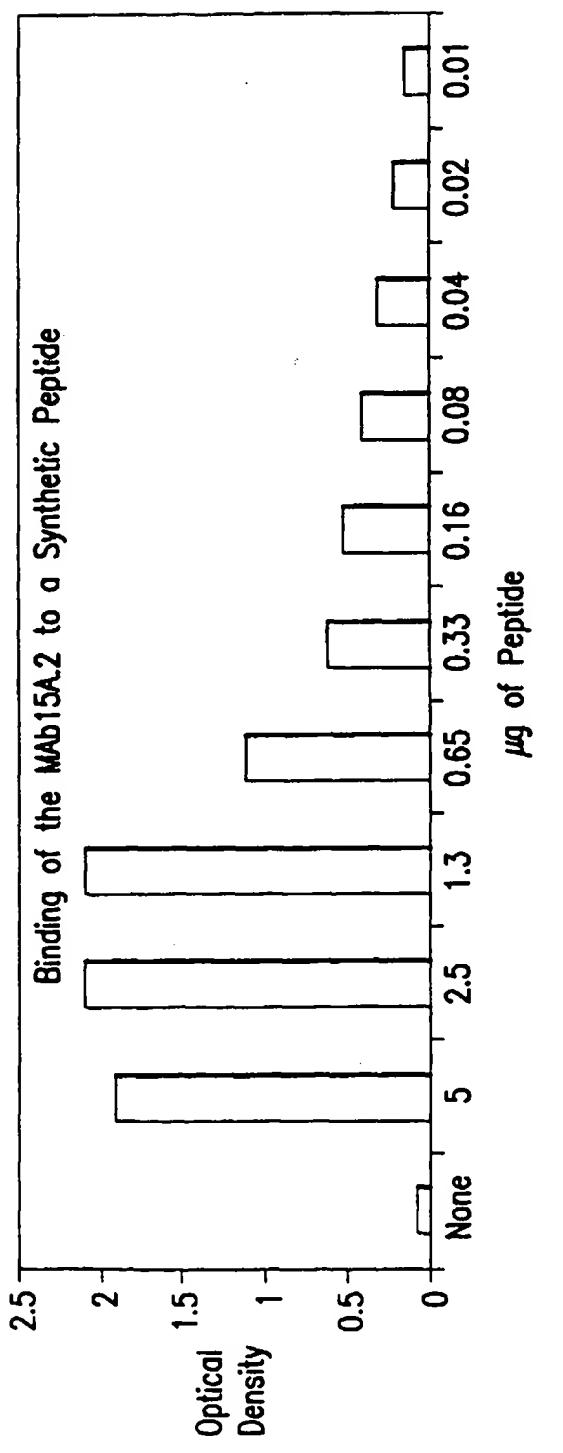


FIG.9



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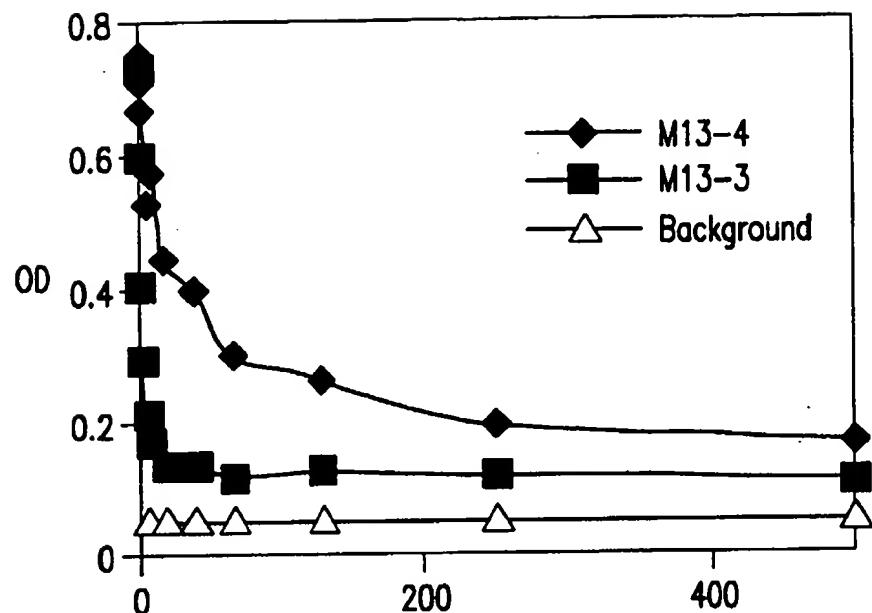


FIG.10A

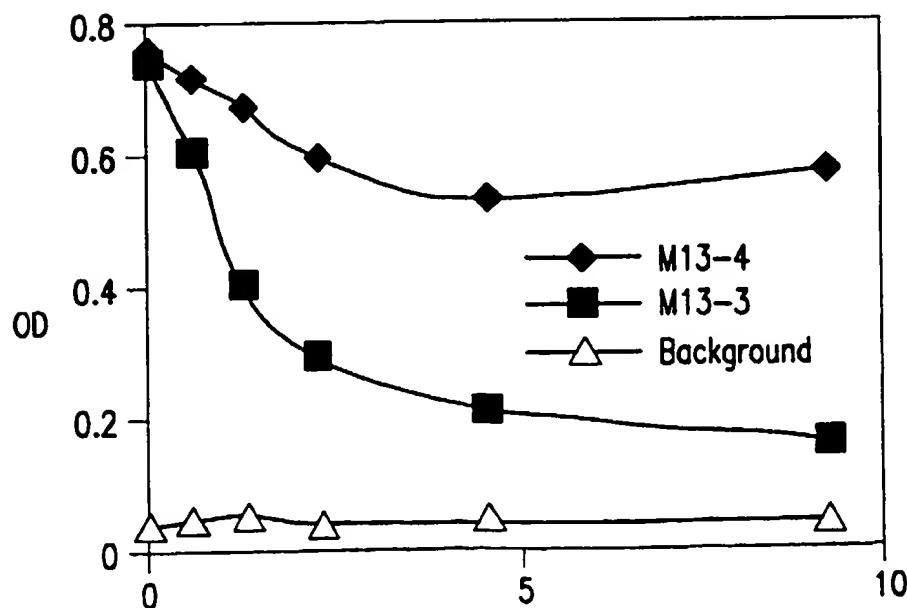
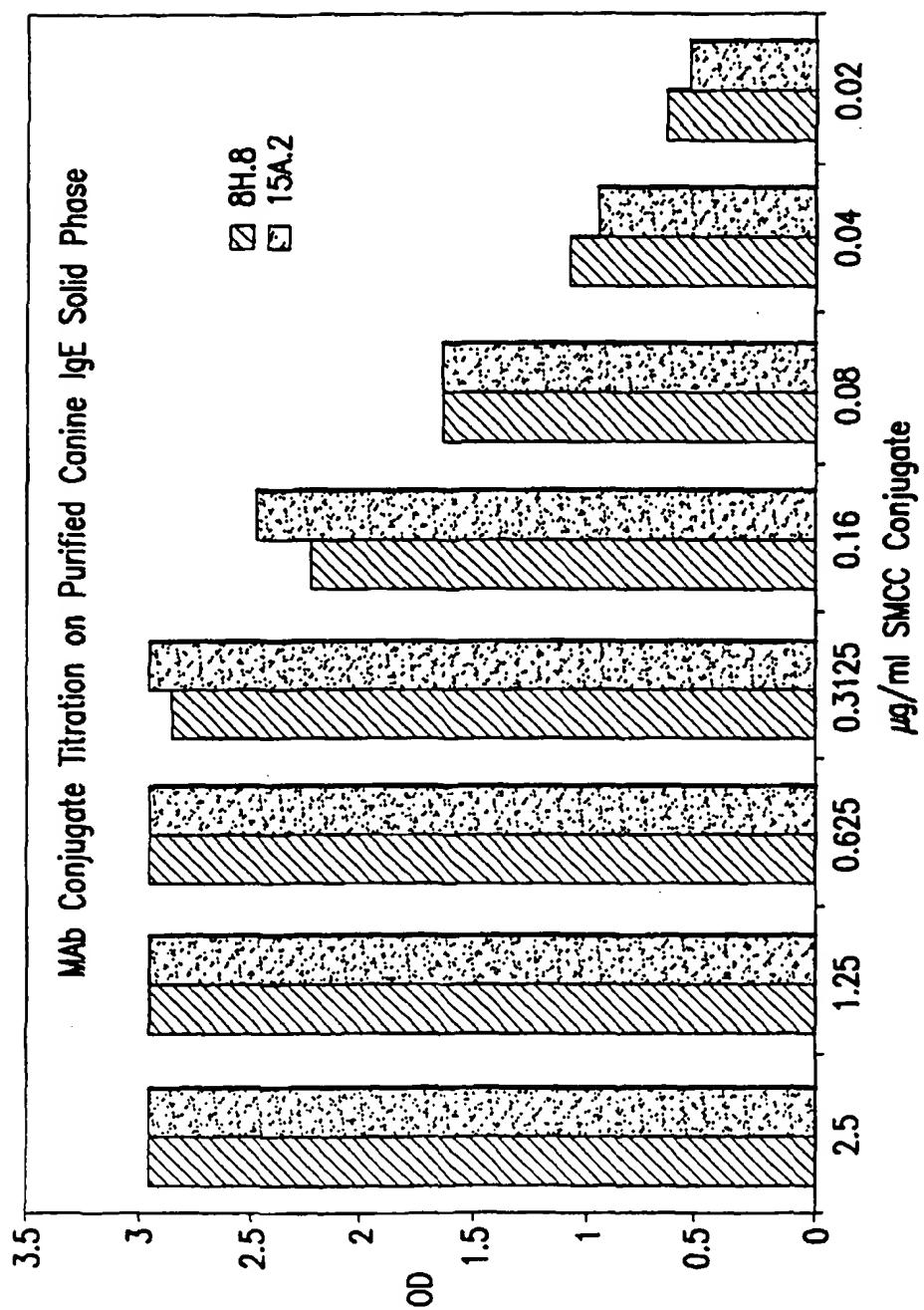


FIG.10B



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#### 8H.8 Conjugate Titration on Anaspec Peptide Coated Plates

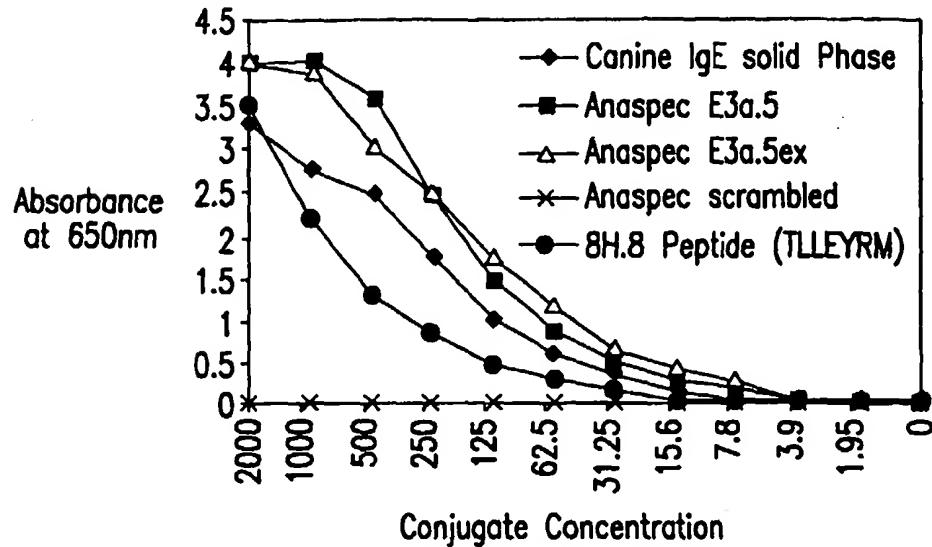


FIG.12

#### 14K.2 Conjugate Titration on Anaspec Peptide Coated Plates

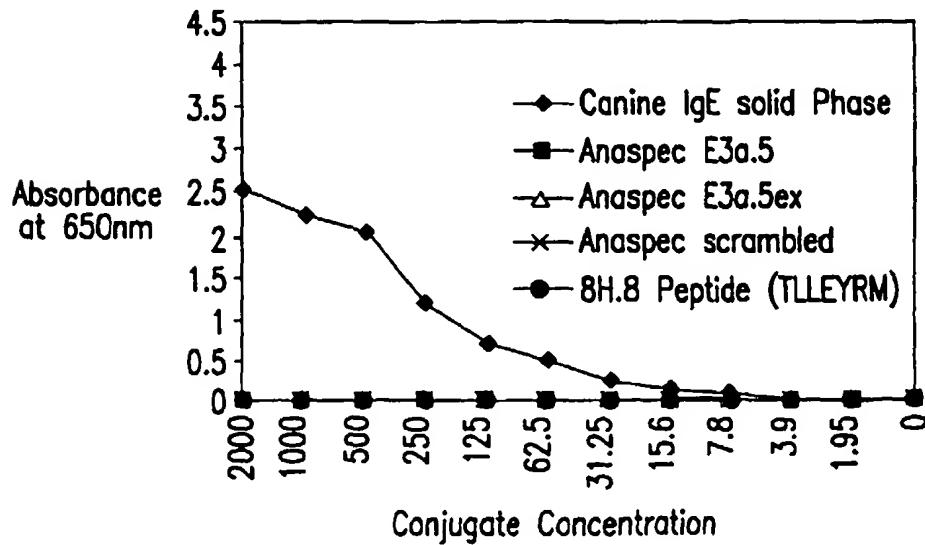


FIG.13



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15A.2 Conjugate Titration on Anaspec Peptide Coated Plates

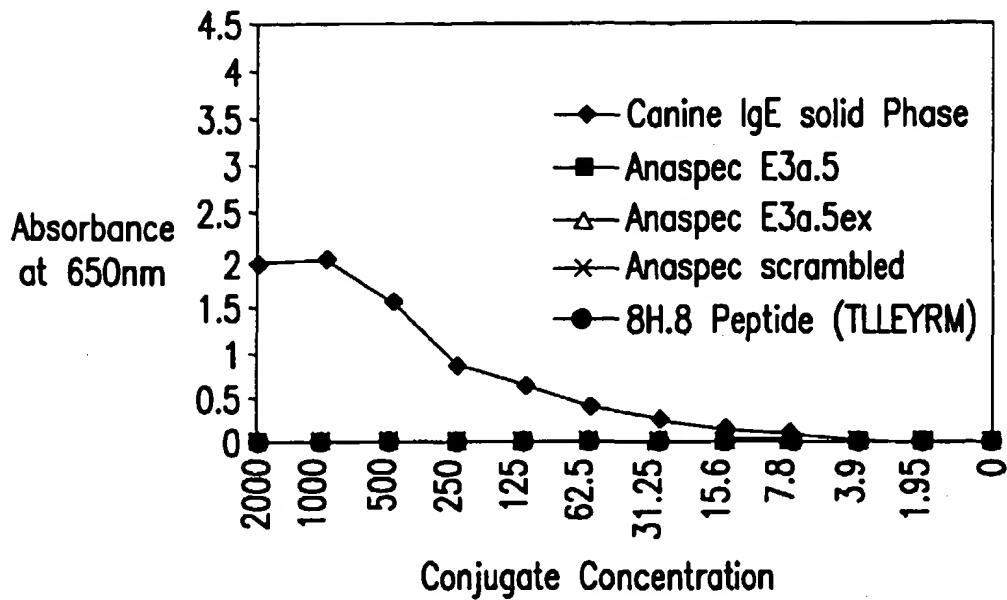


FIG.14

8H.8 and Re-hu IgE Binding to E3a.5 and S3a.5 Peptide Coated Plates

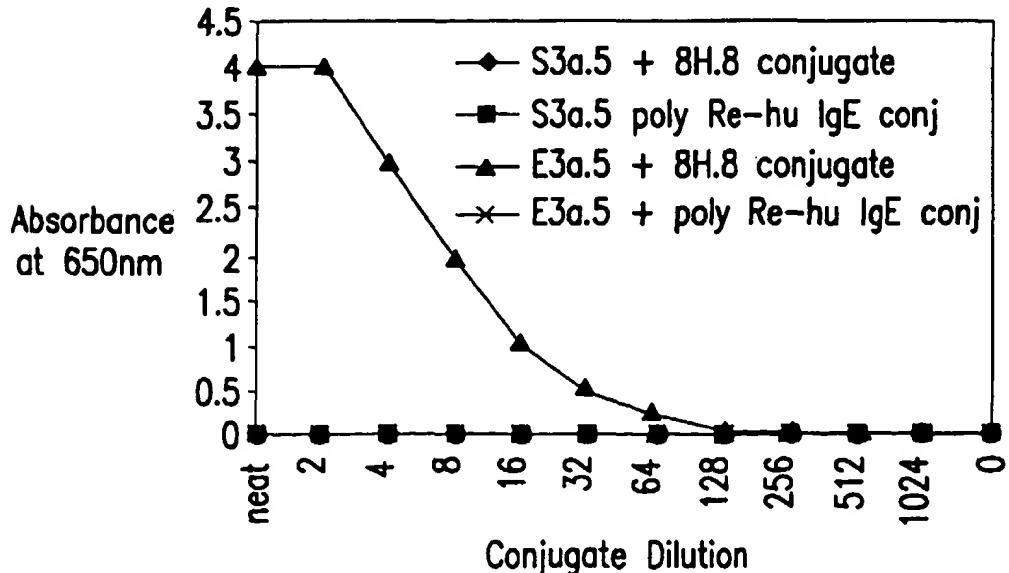


FIG.15



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8H.8 Conjugate Titration on IgE or Peptide Solid Phase (5 min read)

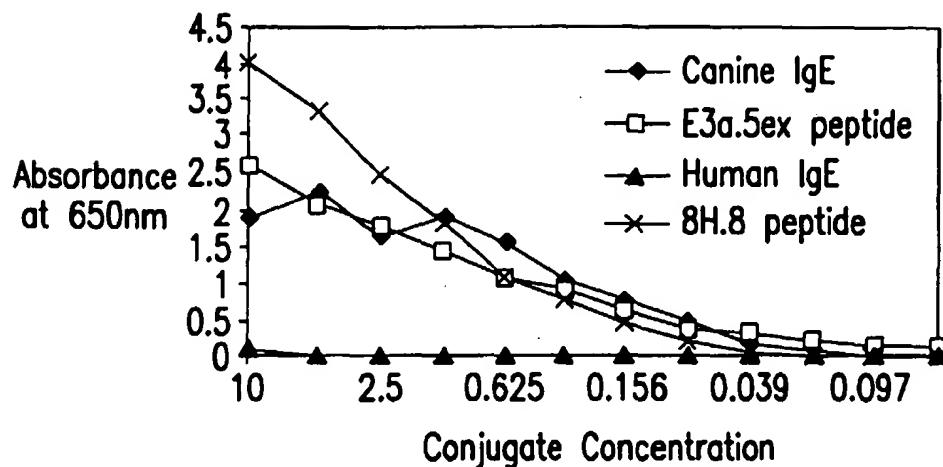


FIG.16

Anti-human IgE Antibody Binding to IgE or Peptide Solid Phase (5 min read)

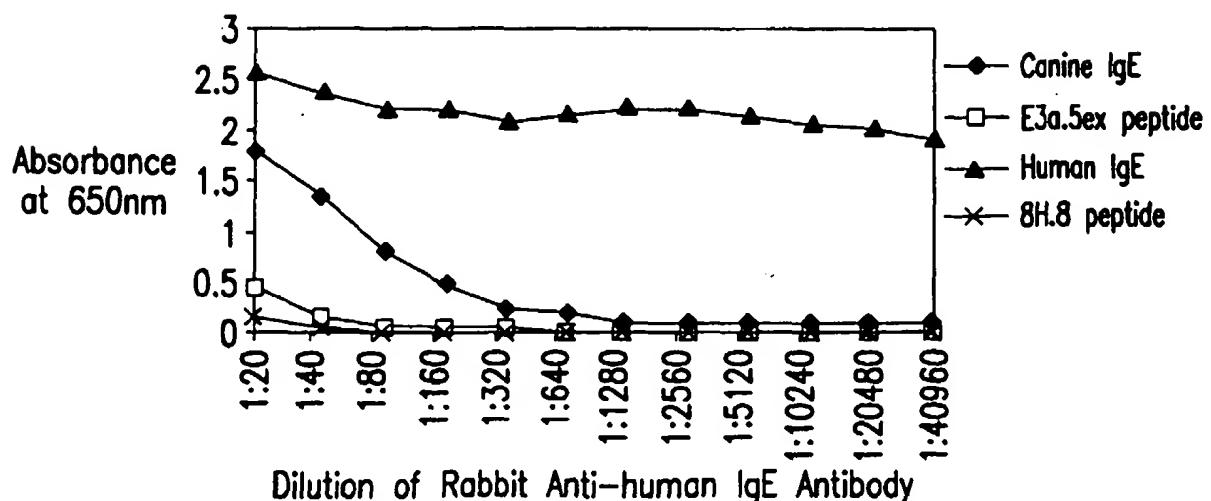


FIG.17